

ABSTRACT OF THE DISCLOSURE

The invention provides isolated nucleic acid molecules, designated ABCB9 transporter nucleic acid molecules, which encode novel ABC transporter family members. The invention also provides antisense nucleic acid molecules, recombinant expression
5 vectors containing ABCB9 transporter nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which an ABCB9 transporter gene has been introduced or disrupted. The invention still further provides isolated ABCB9 transporter proteins, fusion proteins, antigenic peptides, anti-ABCB9 transporter antibodies, and screening assays for ABCB9 transporter modulators.
10 Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.